

166439

LETTER OF TRANSMITTAL

To: Tetra Tech EM Inc.

Date: August 16, 2001

Project: Sauget Area 1 Landfill

Project #

Subject: Proposed Workplan Progression of Installation of Primary Liner System in Ramp Areas at the Sauget Area 1 TSCA Landfill

Attn: Art Currier

TRANSMITTED: ☒ Attached ☐ Under Separate Cover Via: ☐ Mail ☐ Express Mail ☐ Fax: # _____

are the following:

____ Shop Drawing(s) ____ Contract Drawing(s) ____ Specification(s)

____ Letter(s) ____ Coordination Drawing(s) ____ Change Order(s)

____ Sample(s) ____ Submittals

Quant	Date	ID No.	Description
1	8/14/01		Proposed Workplan Progression of Installation of Primary Liner System in Ramp Areas at the Sauget Area 1 TSCA Landfill
2	8/8/01		Drawing Name - Ramplin

If items are not received as listed, please notify us immediately.

☐ For Approval ☐ For Your Use ☐ As Requested ☐ For Fabrication
☐ Approved ☐ Approved As Noted ☐ Rejected ☐ Revise & Resubmit
☐ _____ ☐ _____ ☐ _____ ☐ _____

Remarks:

Please find the above mentioned documents following this page . There are (5) pages including this cover.

cc:

From: John Fiore
 Maverick Construction Management Services, Inc.
 15 Cedar Street
 Auburn, MA 01501
 TEL: 508-721-2227
 FAX: 508-721-2229

File:

CF

LMS Environmental Contracting, Inc.

6515 West 500 North
Madison, IN 47250

Phone: 812-273-5740

Fax: 812-273-1651

LETTER OF TRANSMITTAL

DATE: 8-14-01	JOB NO.: 01-016 ENV
ATTENTION: MR. JOHN FIORE	
SUBJECT: IN-PROGRESS WORK PLAN FOR RAMP AREAS	

TO:

WE ARE SENDING YOU:

☐ Attached

☐ Under separate cover via _____ the following items:

☒ Shop drawings

☐ Prints

☐ Plans

☐ Samples

☐ Specifications

☐ Copy of letter

☐ Change order

☐ _____

COPIES	DATE	NO.	DESCRIPTION
2	8-14-01	2	WORK PLANS AND DRAWINGS

THESE ARE TRANSMITTED as checked below:

☒ For approval

☐ Approved as submitted

☐ Resubmit _____ copies for approval

☐ For your use

☐ Approved

☐ Submit _____ copies for distribution

☐ As requested

☐ Returned for corrections

☐ Return _____ corrected prints

For review and comment

☐ FOR BIDS DUE _____ 19 _____

PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: John Long

If enclosures are not as noted, kindly notify us at once.



CONTRACTING, INC.

6515 West 500 North
Madison, Indiana 47250

Phone: 812-273-5740

Fax: 812-273-1651

PROPOSED WORKPLAN PROGRESSION OF
INSTALLATION OF PRIMARY LINER SYSTEM IN RAMP
AREAS AT THE SAUGET AREA 1 TSCA LANDFILL
IN CAHOKIA, ILLINOIS

LMS Contracting proposes to complete construction of the Ramp areas for this project in the following manner:

1. Complete Secondary Liner System (G.C.L., 60 Mil HDPE Membrane, Geonet).
2. Install Two (2) Panel widths of all Primary Liner System Components in the area of the access ramps in the Southeast and Southwest corners of the cell. The installation will include the 60 Mil HDPE Membrane (both sides smooth), Geonet, Two (2) 60 Mil HDPE Lining rub sheets (placed smooth side down) and the Geogrid Soil Reinforcement. Please note that the rub sheets will extend a minimum of 5 feet beyond the toe of the ramps and will be 34 feet wide (one and one half panels wide). An additional layer of Geotextile will be placed above the Primary Liner System from the Toe of slope to the end of the two (2) panels and tucked beneath the leading edge. The additional Geotextile will further protect the Primary Liner System and will assist in the preparation of the two (2) panels placed in this step for tie-ins with the remainder of the Primary Liner System.
3. Place Five (5) sheets of 4' x 8' x 1/2" Plywood above the Primary Liner System approximately five (5) Foot from the Toe of Slope. The Plywood will further protect the Primary Liner System both during Placement of the 12" layer of Tracked in Place Soil and the preparation of the two panels placed in Step 2 for tie-in with the remainder of the Primary Liner System.
4. The Primary Liner System anchor trench will be constructed and backfilled as shown on the drawings to within 5 feet of the edge of panels (allows future tie-in).
5. Deploy 24" of crushed gravel roadbase for construction of access roads on ramps as depicted in Detail E on sheet C1.6 of the plans Prepared by URS Corporation Southern for the Sauget Area 1 TSCA landfill.
6. Deploy 12" of Tracked in Place Soil on the bottom of the cell area. During this Deployment a Temporary Haul Road of 3 foot Thickness of said Soil will be constructed across the cell area including the area above the plywood shield placed in step no. 3. As the Deployment nears completion the plywood and the additional layer of Geotextile will be removed. The Primary Liner System will then be rolled back and the remaining 12" of Tracked in Place Soil will be placed.
7. Upon completion of the Tracked in Place Soil Layer, Taylor Geosynthetics, Inc. will begin deployment of the remaining portion of the primary Liner System.
8. Tie-in seam on Primary HDPE Liner will be a minimum of 5 feet from the Toe of the ramp.
9. The rub sheets will be overlapped with the geotextile above the Geonet on the side slopes a minimum of 3 feet.

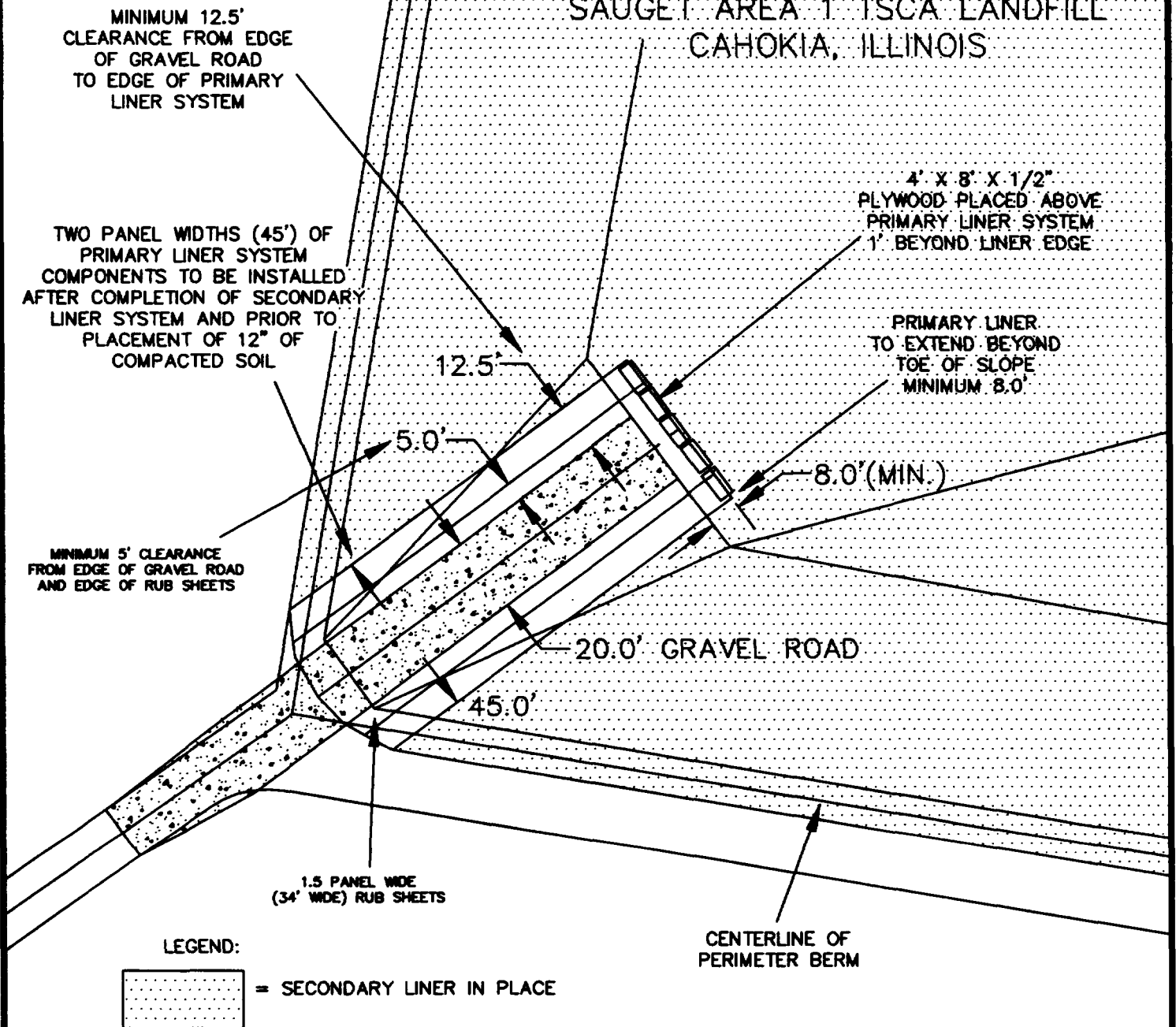
We feel that by following this progression we can minimize damage to both the Secondary and the Primary Liner Systems and possibly gain several days of construction time.

The steps above are typical of the type of action that may be used for temporary tie-ins such as those in temporary intercell berms found in many Landfill projects.

Two drawings depicting the progression described herein are included with this submittal.

Please note that this progression reflects no change in the design of the liner systems and is merely a clarification of the order of installation.

IN-PROGRESS WORK PLAN FOR INSTALLATION OF PRIMARY LINER SYSTEM IN THE SOUTHWEST RAMP AREA OF THE SAUGET AREA 1 TSCA LANDFILL CAHOKIA, ILLINOIS



DRAWN BY: W.H.S.

CHECKED BY: W.H.S.

SURVEY DATE:

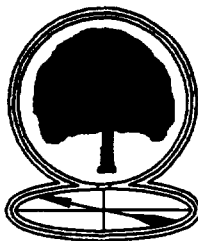
DRAWING DATE: 8-08-01

FLD. BK.: 0 PG.:

SCALE: 1" = 40'

DRAWING NAME: RAMPLIN

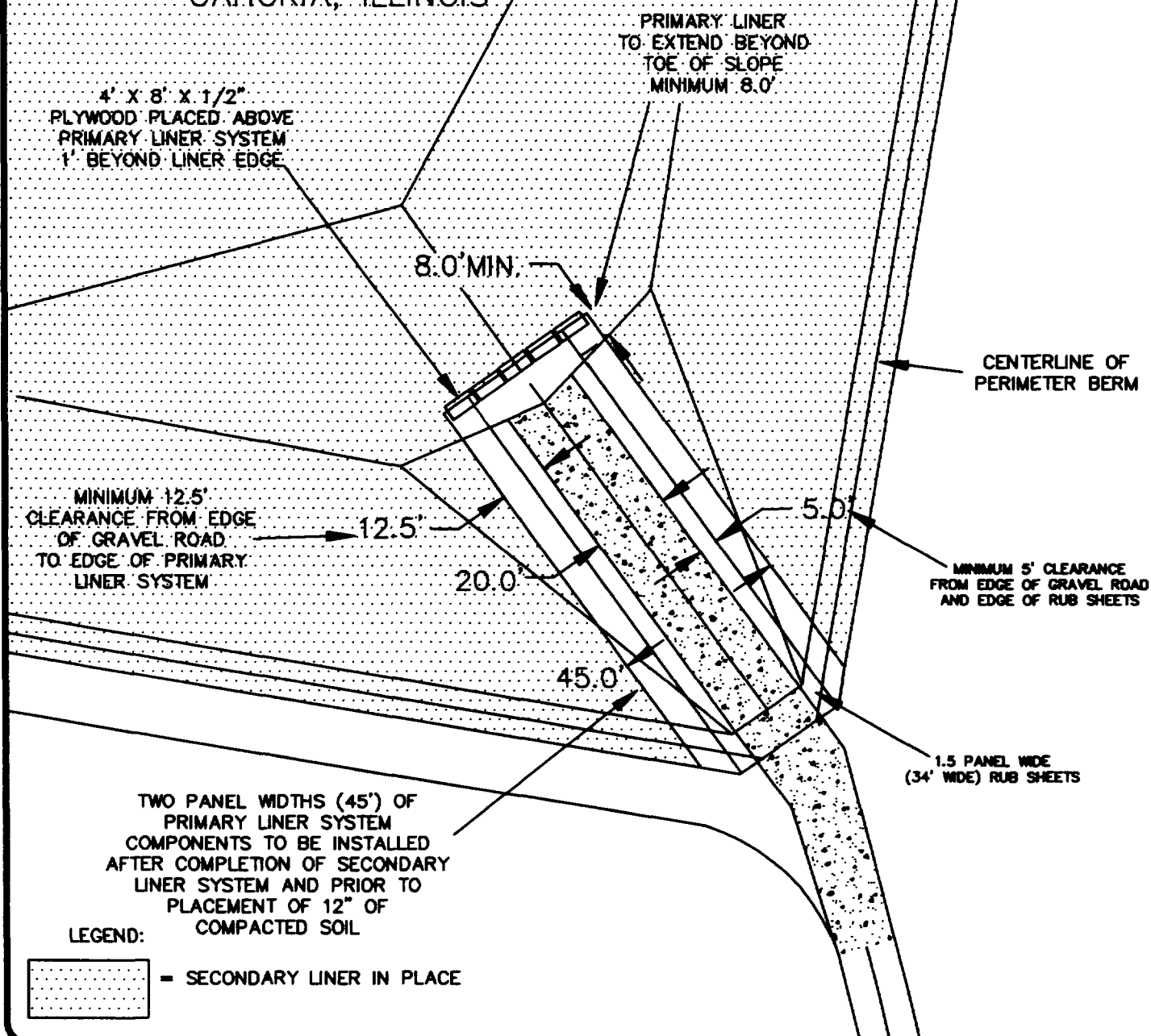
JOB NUMBER: 01-500



ENVIRONMENTAL PRECISION ASSOCIATES INC.

ENVIRONMENTAL, LAND AND CONSTRUCTION SURVEY SERVICES
ROUTE 1, BOX 241 TEL : (334) 807-0026
P.O. BOX 514 MOBILE: (334) 670-8232
TROY, ALABAMA 36081 FAX: (334) 807-0191

IN-PROGRESS WORK PLAN
FOR INSTALLATION OF PRIMARY
LINER SYSTEM IN THE SOUTHEAST
RAMP AREA OF THE
SAUGET AREA 1 TSCA LANDFILL
CAHOKIA, ILLINOIS



DRAWN BY: W.H.S.

CHECKED BY: W.H.S.

SURVEY DATE:

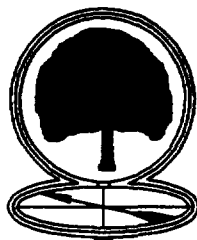
DRAWING DATE: 8-08-01

FLD. BK.:

SCALE: 1" = 40'

DRAWING NAME: RAMPLIN

JOB NUMBER: 01-500



**ENVIRONMENTAL
PRECISION ASSOCIATES
INC.**

ENVIRONMENTAL, LAND AND CONSTRUCTION SURVEY SERVICES
ROUTE 1, BOX 241
P.O. BOX 514
TROY, ALABAMA 36061
TEL: (334) 807-0028
MOBILE: (334) 670-8232
FAX: (334) 807-0191